LIGHTNING

80 PLUS® GOLD

POWER SUPPLY

User's Manual

LIGHTNING-800

LIGHTNING-1000

LIGHTNING-1300

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Features

- Intel Haswell Ready
- ATX12V v2.3 & EPS12V v2.92
- 80PLUS Gold Certified
- Full Range Active-PFC
- Multi-GPU Support - 6 x PCI-E 6+2 pin Connector
- 140mm Dual-ball-bearing Fan with Auto Speed Control
- Tri-mode : Selectable fan LED light color - Blue, Red, None
- Extra solid pipe-rock modular connectors
- Japanese Main & DC output Capacitors
- Over Temperature/Current/Voltage/Power Protection, Under Voltage Protection and Short Circuit Protection

Input & Output Rating

LIGHTNING-800

AC INPUT	115-240VAC 10A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
MAX.Current	24A	24A	66A	0.5A	3.0A
Combined Power	120W		792W	6W	15W
Total Power	800W				

LIGHTNING-1000

AC INPUT	115-240VAC 15A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
MAX.Current	24A	24A	83A	0.5A	3.0A
Combined Power	120W		996W	6W	15W
Total Power	1000W				

LIGHTNING-1300

AC INPUT	115-240VAC 20A 50-60Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5VSB
MAX.Current	24A	24A	108A	0.5A	3.0A
Combined Power	120W		1296W	6W	15W
Total Power	1300W				

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Package Content

LIGHTNING-800	
• Modular Cable Set 4x PCI-E 6+2-pin cable 2x four SATA cable 2x four Molex + one Floppy cable	• Power Supply • User Manual • AC Power Cord • Cable Ties • Mounting Screws • Bag for Modular Cables

LIGHTNING-1000	
• Modular Cable Set 4x PCI-E 6+2-pin cable 2x four SATA cable 2x four Molex + one Floppy cable 1x two SATA + two Molex cable	• Power Supply • User Manual • AC Power Cord • Cable Ties • Mounting Screws • Bag for Modular Cables

LIGHTNING-1300	
• Modular Cable Set 4x PCI-E 6+2-pin cable 2x four SATA cable 2x four Molex + one Floppy cable 1x two SATA + two Molex cable	• Power Supply • User Manual • AC Power Cord • Cable Ties • Mounting Screws • Bag for Modular Cables

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Connector

	LIGHTNING-800	LIGHTNING-1000	LIGHTNING-1300
Main Connector 20+4 pin	1	1	1
ATX/EPS12V 4/8 pin	1	1	1
EPS12V 8 pin		1	1
PCI-E 6+2 pin	6	6	6
SATA	8	10	10
Molex 4 pin	8	10	10
Floppy	2	2	2

Caution

- Please do not store the power supply in a high humid temperature place, or to be used in such condition.
- High voltages exist in the power supply. Unless authorized personnel, please do not open the PSU cover. The warranty will be void if the cover is removed.
- Do not insert any objects into the open ventilation or fan grill area of the power supply.
- Please use ONLY genuine Rosewill modular cables. Third party cables might not be compatible and could cause serious damage to your system and power supply. The warranty will be voided with the use of third party cables.
- The 24 pin main power connector has a detachable 4 pin connector. This 4 pin connector is not a P4 or ATX12V connector. Please DO NOT force this cable in the P4 or ATX12V socket on the motherboard.

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Installation

- Please make sure the power supply is not connected to the AC power cord.
- Make sure the I/O switch of the PSU is at off “O” position.
- Install the power supply into the chassis. (refer to your chassis manual)
- Please refer to your motherboard user manual to confirm 20-pin or 24-pin main connector it needs. If 24-pin, you can plug the 24-pin main connector onto the motherboard. If 20-pin, please detach the 4-pin to have a 20-pin main connector then plug it onto the motherboard.
- Please refer to your motherboard user manual to confirm 4-pin ATX12V or 8-pin EPS12V connector it needs. If 8-pin, you can plug the 8-pin EPS12V connector onto the motherboard. If 4-pin, please detach the 4-pin to have a 4-pin ATX12V connector then plug it onto the motherboard.
- Connect the PCI-E connector to the VGA card if needed. Please refer to VGA card manual to confirm 6-pin or 8-pin needed.
- Connect the SATA connector to the SATA HDD, Optical device if any.
- Connect the Molex connector to devices such as Optical device, HDD, fan…etc.
- Connect the Floppy disk connector to the floppy drive if any.
- Please connect the other side of the cable to the PSU according to the instruction on the PSU
- Make sure all the connectors are fully seated.
- Connect the AC power cord to the power supply.
- Turn on the power supply by pushing the I/O switch to the “I” position.

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Easy Trouble shooting

If your PC system does not respond, please make following checks:

1. make sure the AC power cord is connected firmly and the AC power switch is turned on.
2. Make sure all DC output connectors are connected in the right direction and plugged firmly.
3. Check whether there is any short circuit problem or defective peripherals by unplugging each peripheral device one at a time.
4. If one of the above mentioned problems occurs, please remove the fault and wait for 1-2 minutes before you turn on the PSU again. This is necessary to release the latch condition of the protection circuit.
5. If the PSU is still unable to power up after above checks, please contact with your dealer for service.

Information

Thank you for purchasing a High-Quality Rosewill Product.

Please register your product at : ***www.rosewill.com*** for complete warranty information and future support for your product.If you have any question while using our products, please feel free to contact us at ***techsupport@rosewill.com***

Support Phone Number: 800-575-9885
Support Email: techsupport@rosewill.com

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